

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
 Data File : VY001403.D
 Acq On : 27 Jan 2020 14:15
 Operator : SY/MD
 Sample : L1262-01RE
 Misc : 12.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B10(0-15)RE

Quant Time: Jan 27 16:13:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	33411	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	59500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	48029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	18786	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	14749	40.57	ug/l	0.00
Spiked Amount						
Recovery						
35) Dibromofluoromethane	7.74	113	15808	45.27	ug/l	-0.01
Spiked Amount						
Recovery						
50) Toluene-d8	10.19	98	68778	50.69	ug/l	0.00
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	12.48	95	21088	39.03	ug/l	0.00
Spiked Amount						
Recovery						

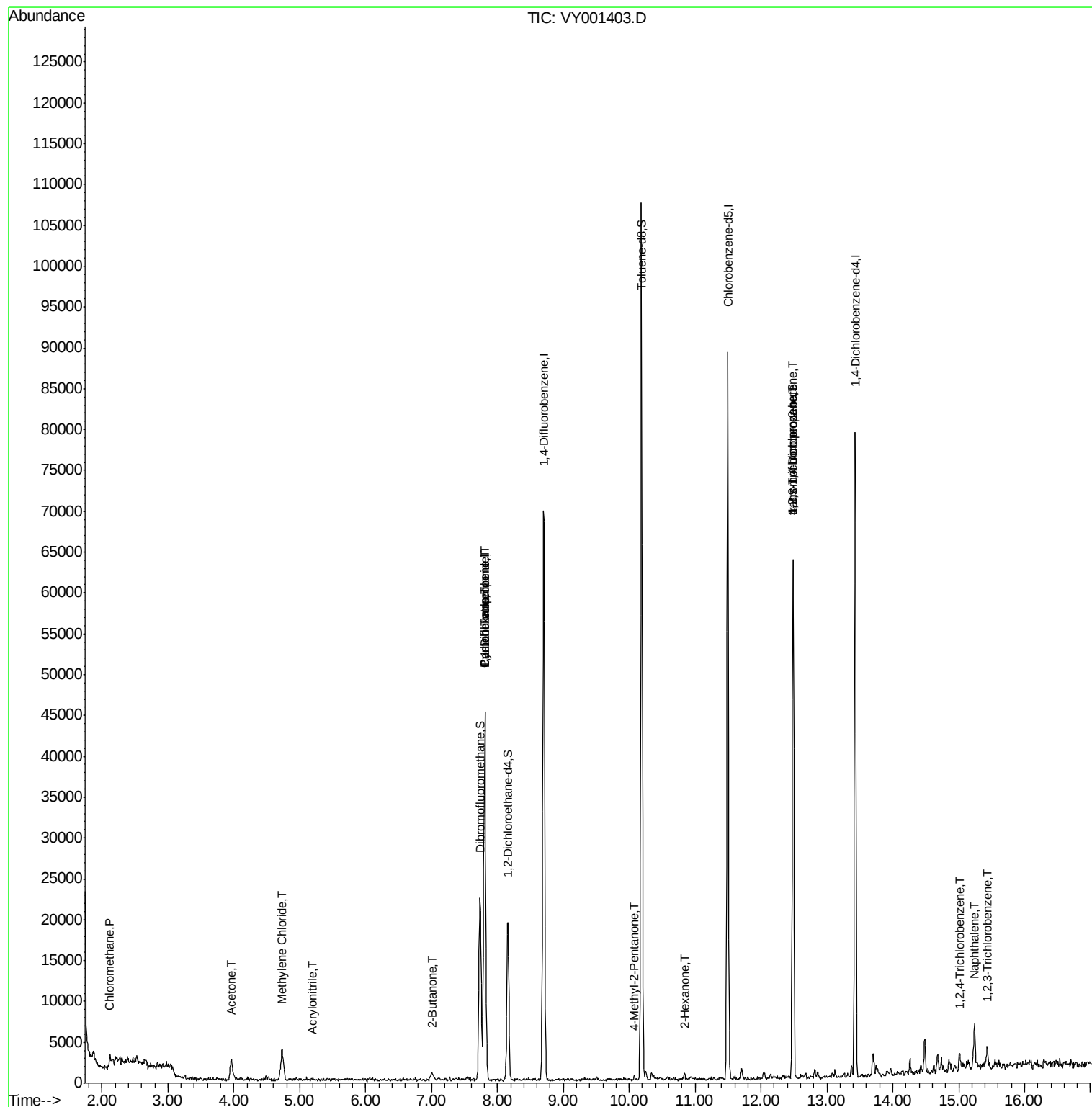
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	717	1.80	ug/l	# 83
15) Acrylonitrile	5.19	53	178	1.55	ug/l	# 63
16) Acetone	3.96	43	4321	38.71	ug/l	89
20) Methylene Chloride	4.73	84	2660	1.84	ug/l	89
25) 2-Butanone	7.01	43	979	6.19	ug/l	# 74
31) Cyclohexane	7.81	56	842	1.20	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	2693	4.79	ug/l	# 49
38) Carbon Tetrachloride	7.81	117	3474	6.93	ug/l	# 19
51) 4-Methyl-2-Pentanone	10.08	43	368	1.07	ug/l	# 61
59) 2-Hexanone	10.84	43	626	2.61	ug/l	73
76) 1,2,3-Trichloropropane	12.48	75	10471	46.26	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	10471	87.53	ug/l	# 14
93) 1,2,4-Trichlorobenzene	15.01	180	616	1.57	ug/l	# 85
95) Naphthalene	15.24	128	4429	4.95	ug/l	97
96) 1,2,3-Trichlorobenzene	15.43	180	627	1.83	ug/l	83

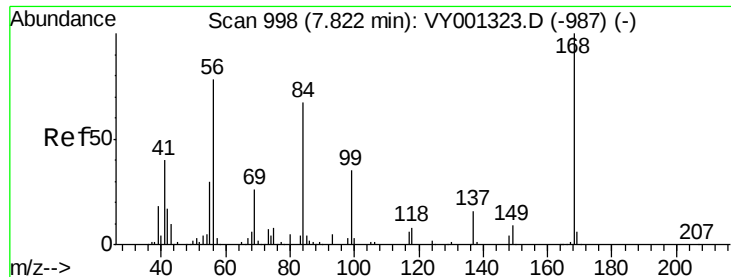
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

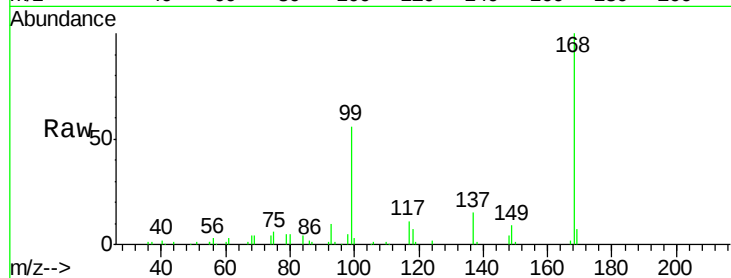
B10(0-15)RE

Tgt Ion:168 Resp: 33411

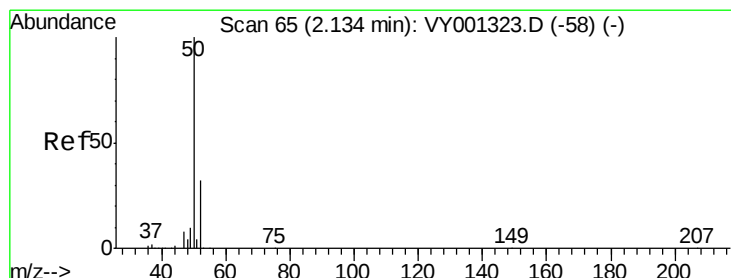
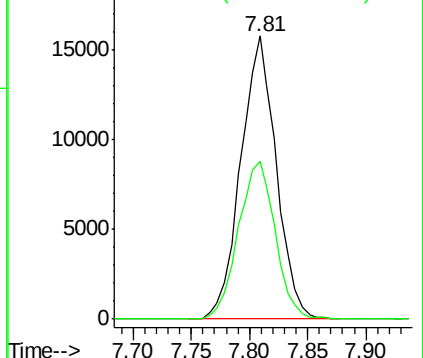
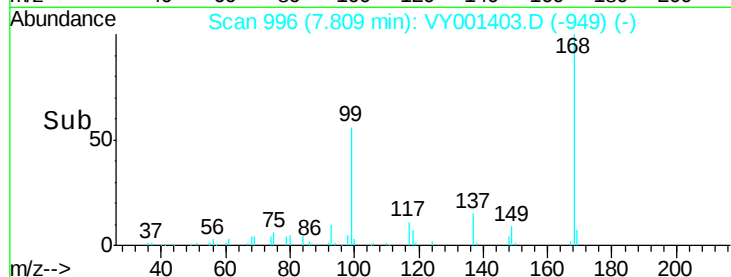
Ion Ratio Lower Upper

168 100

99 55.9 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001403.D (-949) (-)



#3

Chloromethane

Concen: 1.80 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001403.D

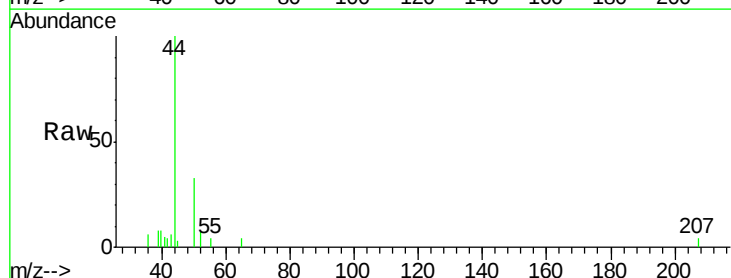
Acq: 27 Jan 2020 14:15

Tgt Ion: 50 Resp: 717

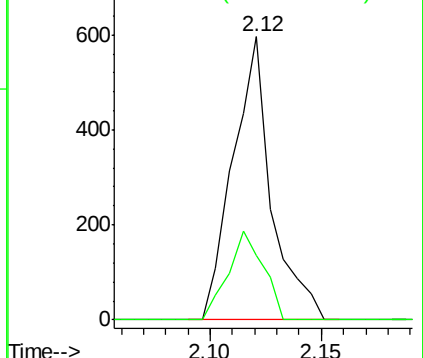
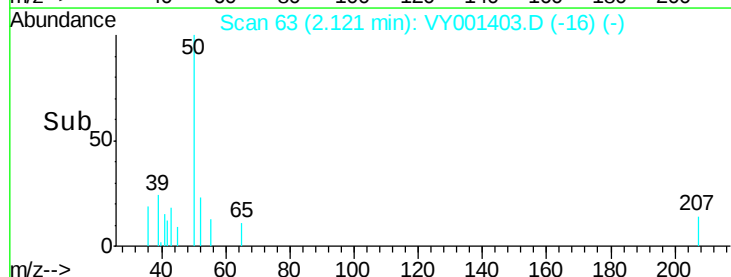
Ion Ratio Lower Upper

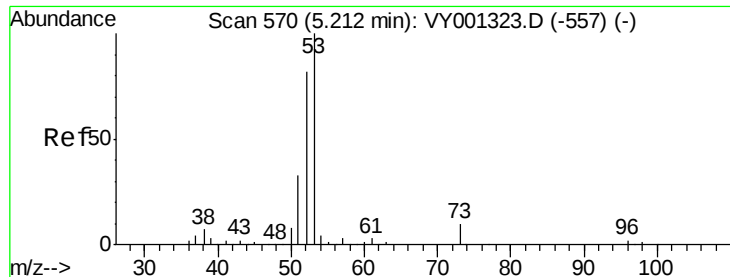
50 100

52 22.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VY001403.D (-16) (-)





#15

Acrylonitrile

Concen: 1.55 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

B10(0-15)RE

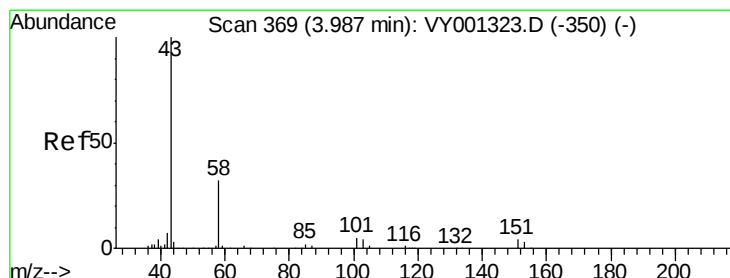
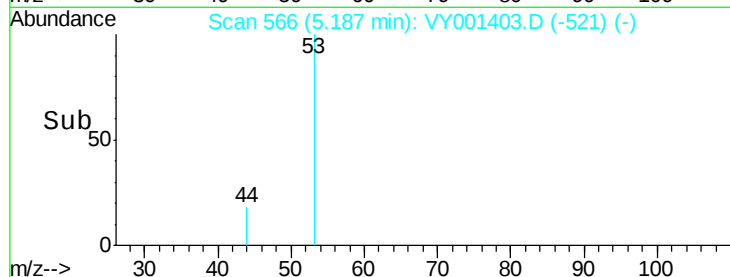
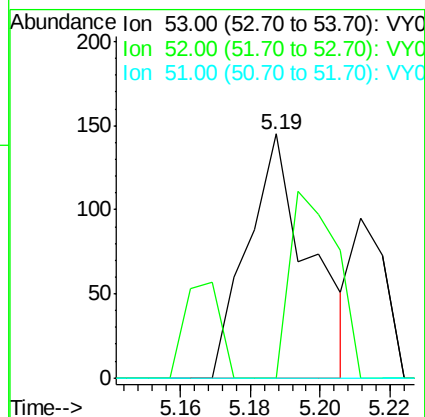
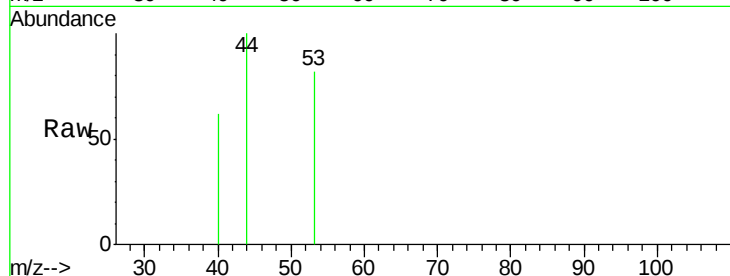
Tgt Ion: 53 Resp: 178

Ion Ratio Lower Upper

53 100

52 58.4 65.3 97.9#

51 0.0 28.4 42.6#



#16

Acetone

Concen: 38.71 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.02 min

Lab File: VY001403.D

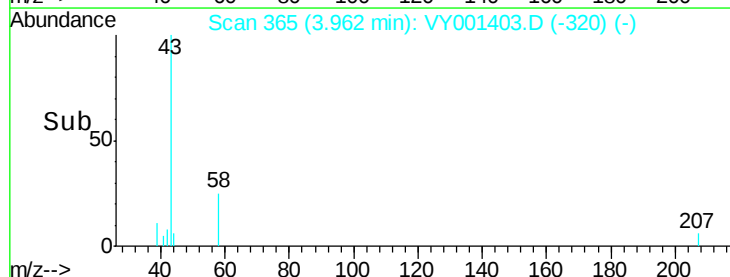
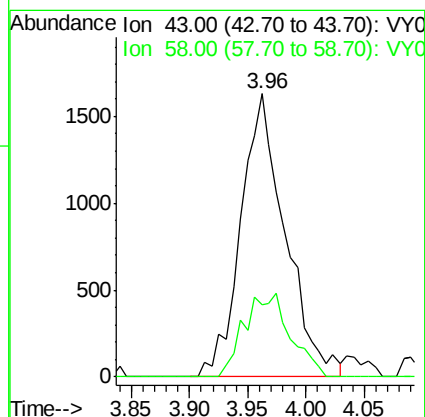
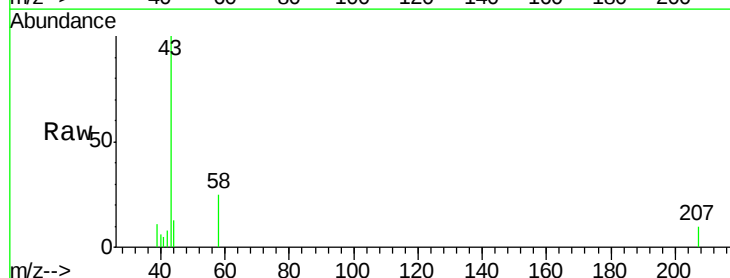
Acq: 27 Jan 2020 14:15

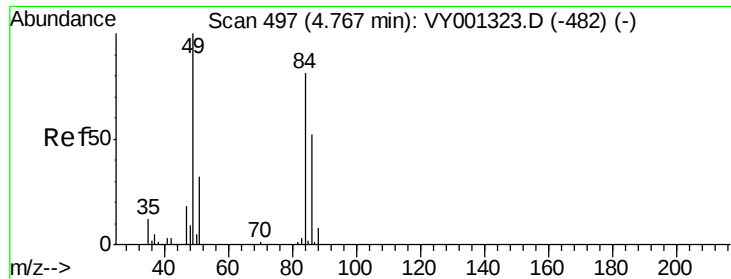
Tgt Ion: 43 Resp: 4321

Ion Ratio Lower Upper

43 100

58 25.5 25.4 38.0

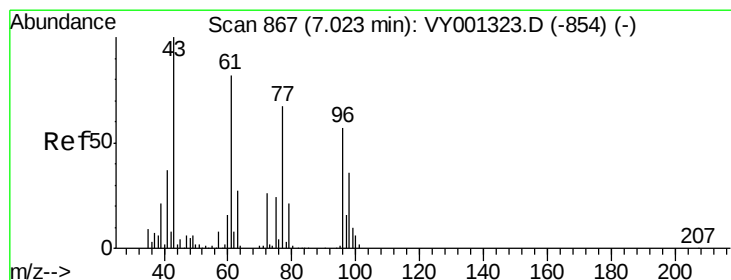
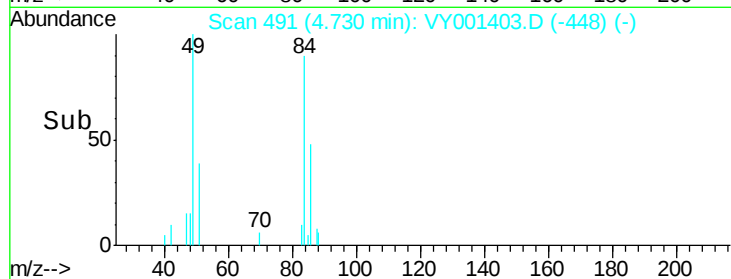
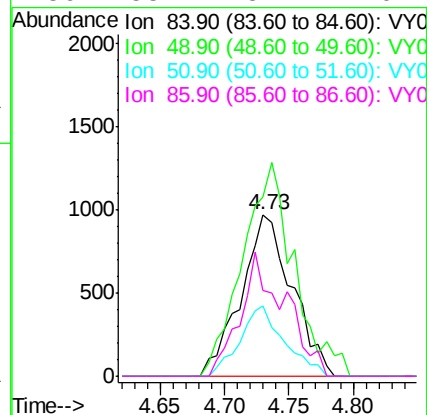
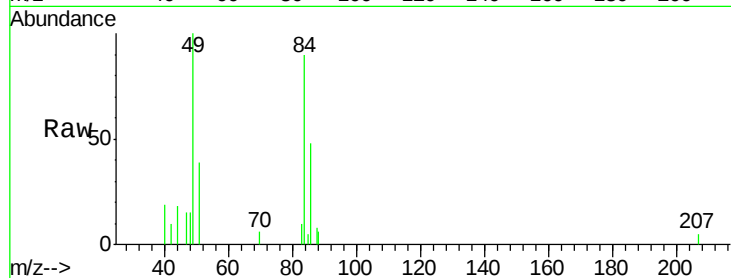




#20
Methylene Chloride
Concen: 1.84 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.04 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

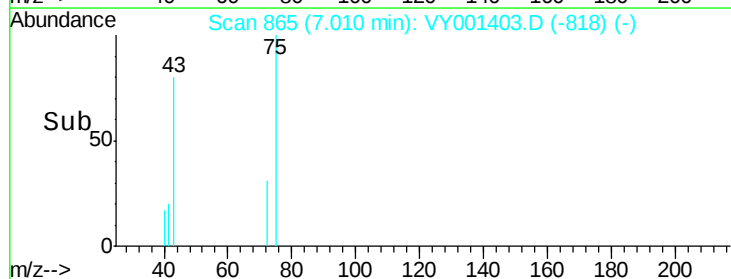
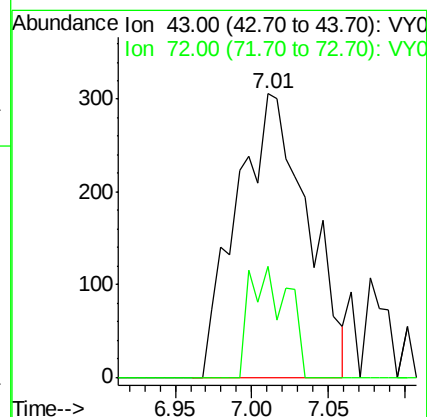
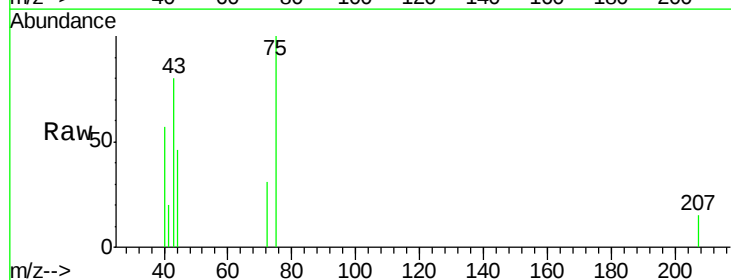
Instrument :
MSVOA_Y
ClientSampleId :
B10(0-15)RE

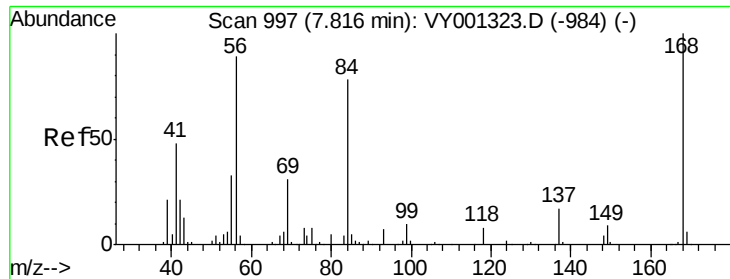
Tgt Ion: 84 Resp: 2660
Ion Ratio Lower Upper
84 100
49 110.7 98.3 147.5
51 43.5 31.6 47.4
86 53.1 51.1 76.7



#25
2-Butanone
Concen: 6.19 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
72 38.9 20.6 31.0#

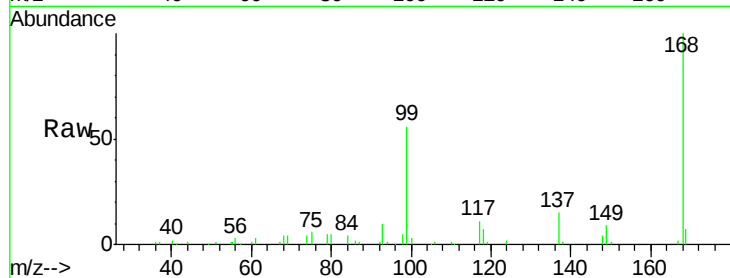




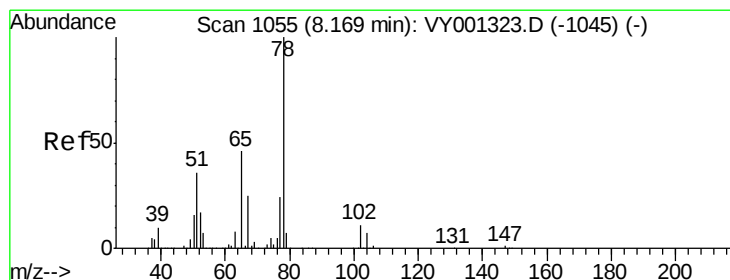
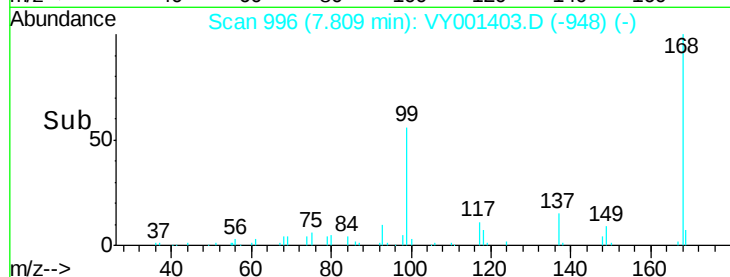
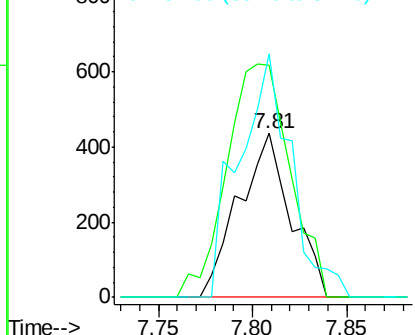
#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

Instrument :
MSVOA_Y
ClientSampled :
B10(0-15)RE

Tgt Ion: 56 Resp: 842
Ion Ratio Lower Upper
56 100
69 142.0 27.6 41.4#
84 148.6 69.7 104.5#

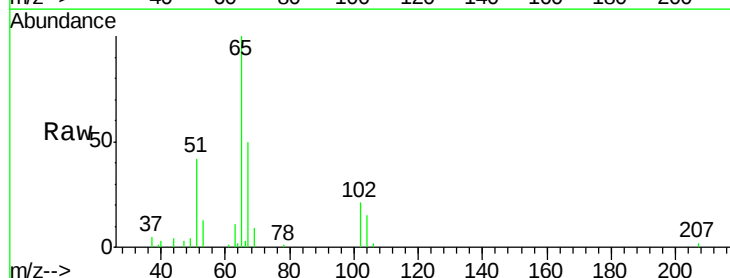


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

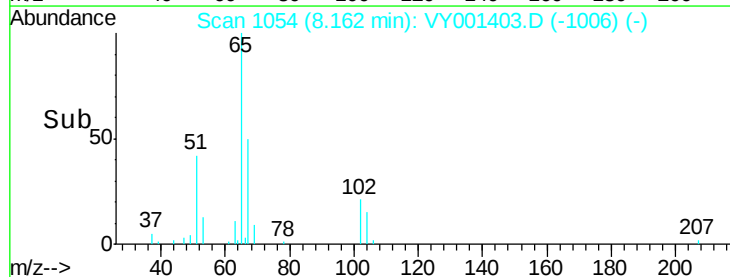
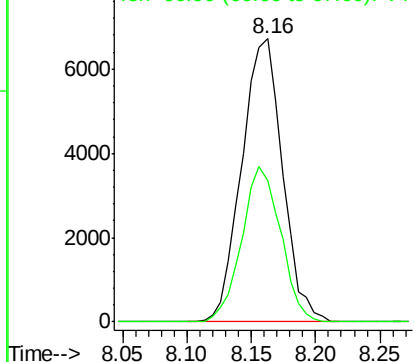


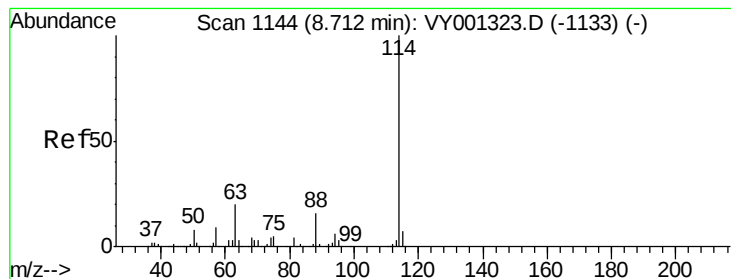
#33
1,2-Dichloroethane-d4
Concen: 40.57 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

Tgt Ion: 65 Resp: 14749
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

B10(0-15)RE

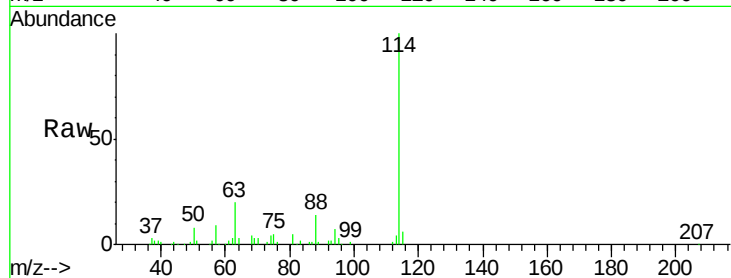
Tgt Ion:114 Resp: 59500

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

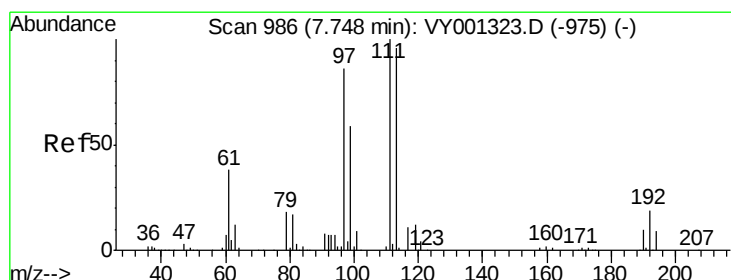
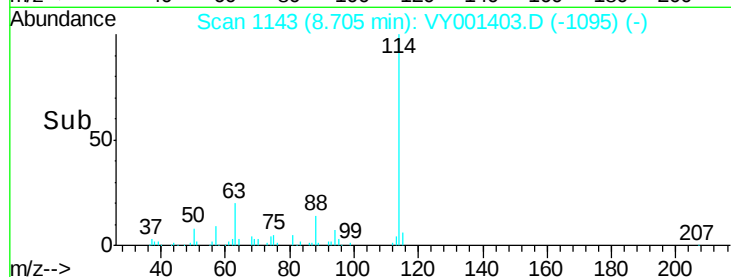
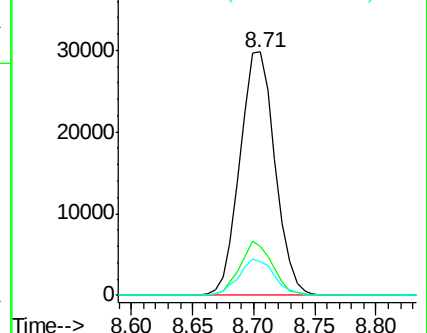
88 14.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 45.27 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

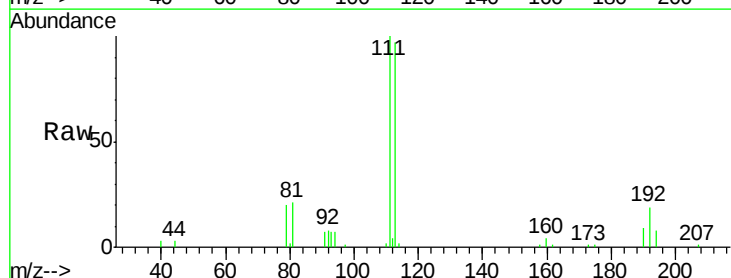
Tgt Ion:113 Resp: 15808

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

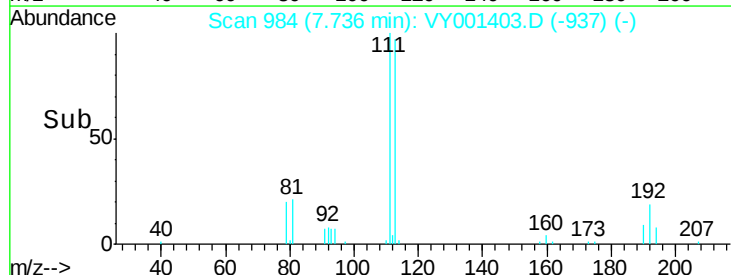
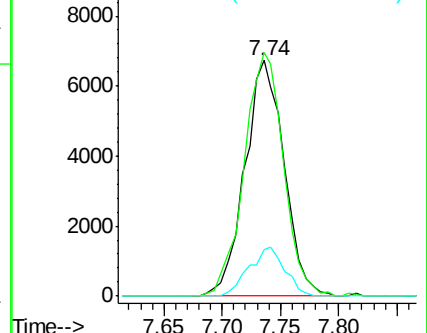
192 18.8 15.5 23.3

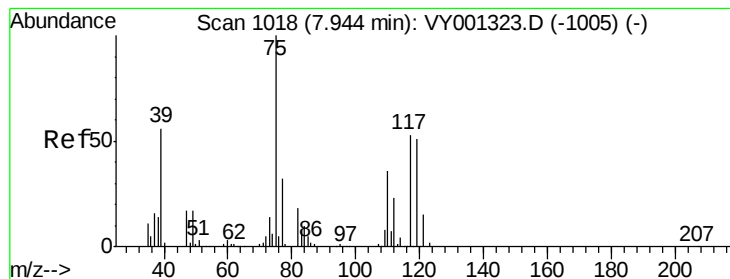


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.79 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.14 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

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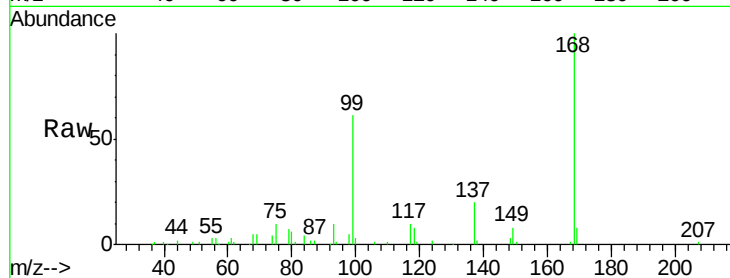
Tgt Ion: 75 Resp: 2693

Ion Ratio Lower Upper

75 100

110 8.7 17.6 52.8#

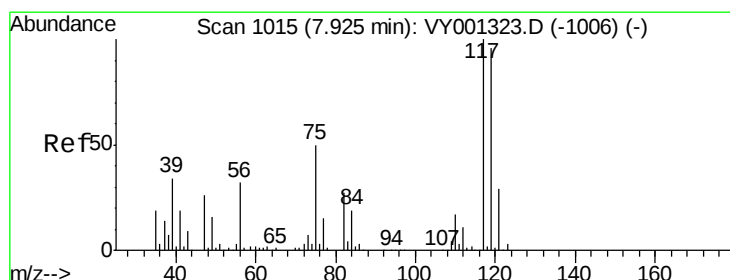
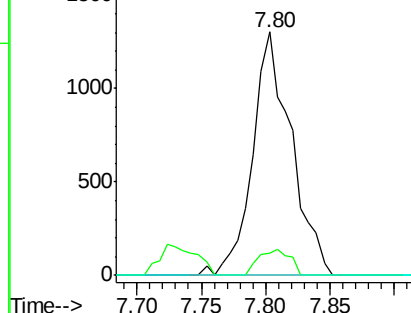
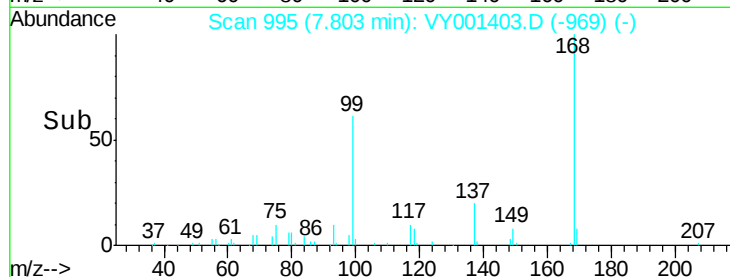
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY001403.D (-969) (-)

Ion 109.90 (109.60 to 110.60): VY001403.D (-969) (-)

Ion 76.90 (76.60 to 77.60): VY001403.D (-969) (-)



#38

Carbon Tetrachloride

Concen: 6.93 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

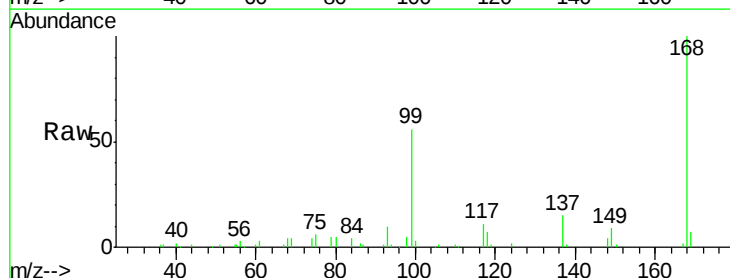
Tgt Ion: 117 Resp: 3474

Ion Ratio Lower Upper

117 100

119 9.3 76.3 114.5#

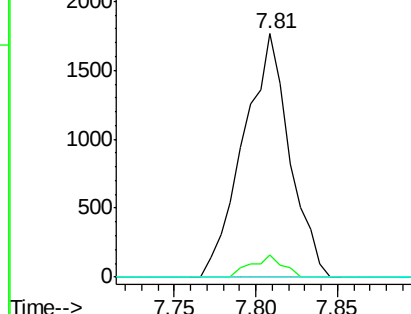
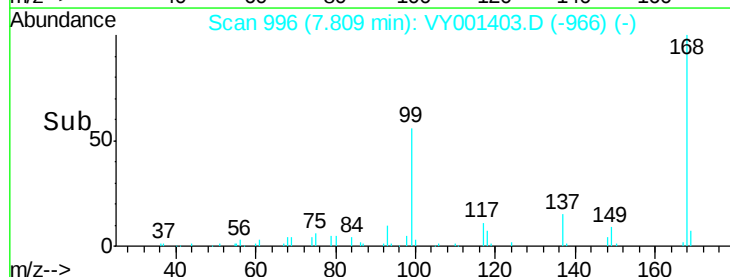
121 0.0 23.5 35.3#

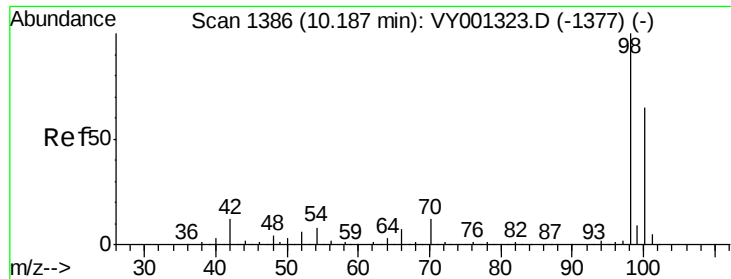


Abundance Ion 116.80 (116.50 to 117.50): VY001403.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001403.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001403.D (-966) (-)





#50

Toluene-d8

Concen: 50.69 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

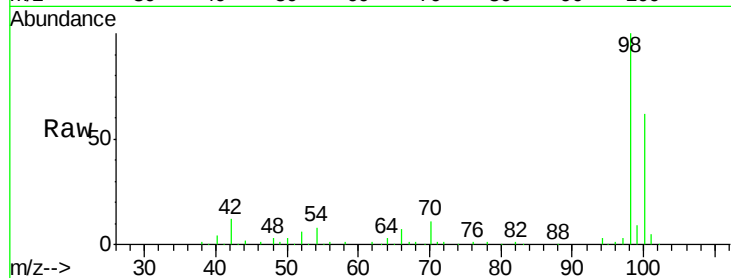
B10(0-15)RE

Tgt Ion: 98 Resp: 68778

Ion Ratio Lower Upper

98 100

100 65.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

40000

30000

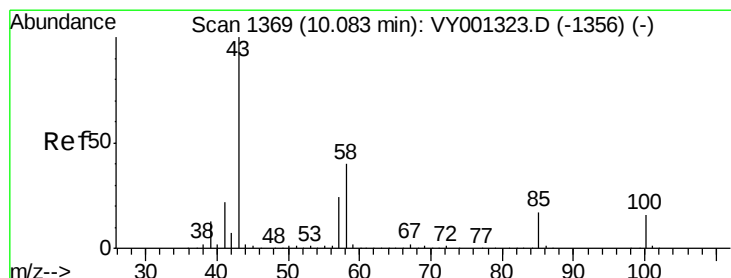
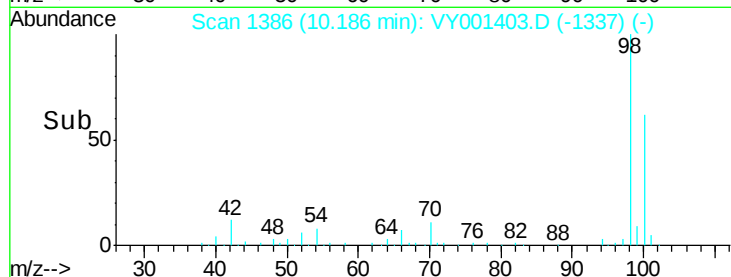
20000

10000

0

Time-->

10.10 10.15 10.20 10.25



#51

4-Methyl-2-Pentanone

Concen: 1.07 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001403.D

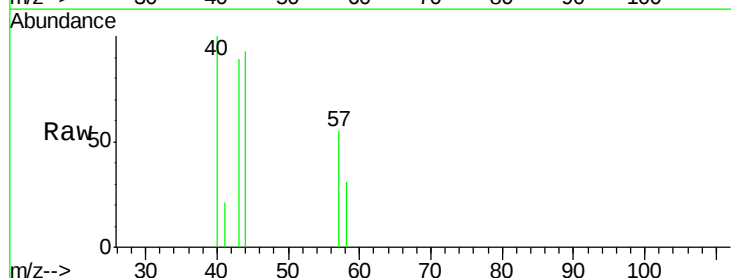
Acq: 27 Jan 2020 14:15

Tgt Ion: 43 Resp: 368

Ion Ratio Lower Upper

43 100

58 15.5 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

250

200

150

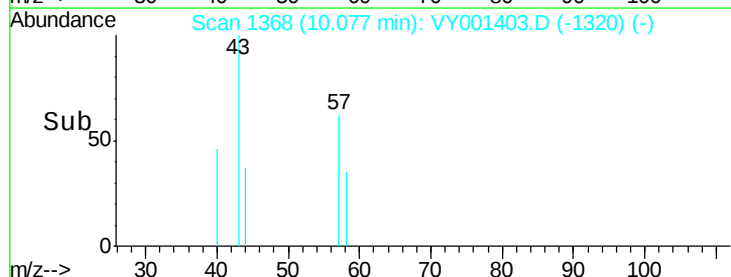
100

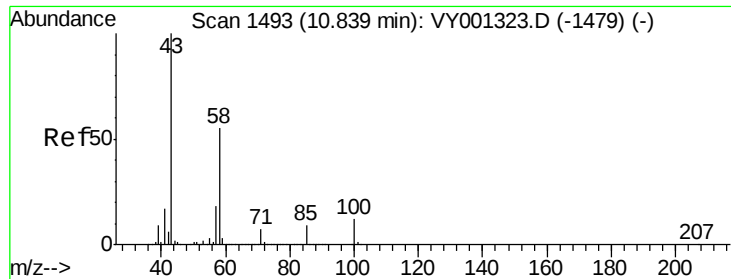
50

0

Time-->

10.05 10.10





#59

2-Hexanone

Concen: 2.61 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

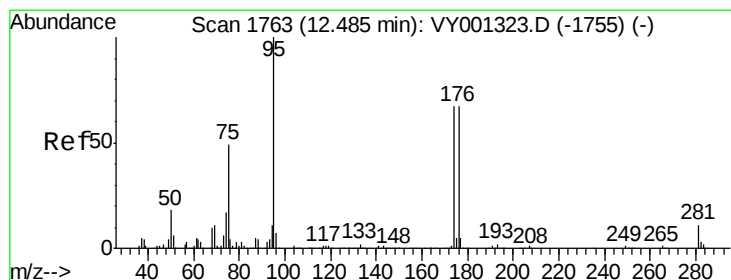
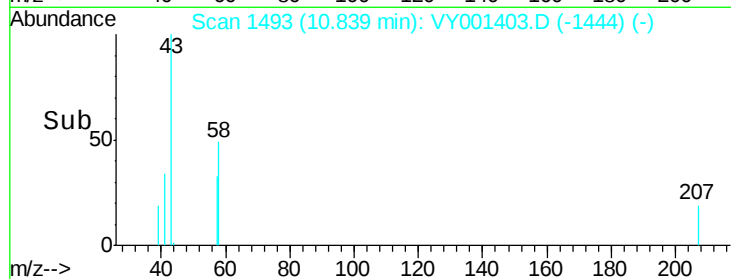
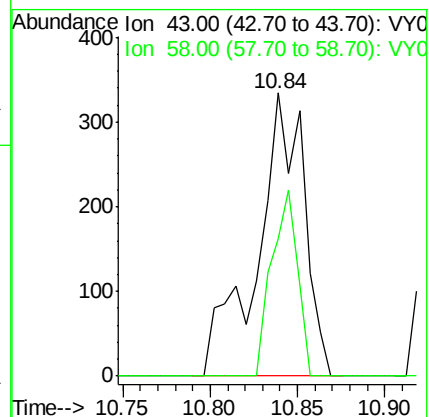
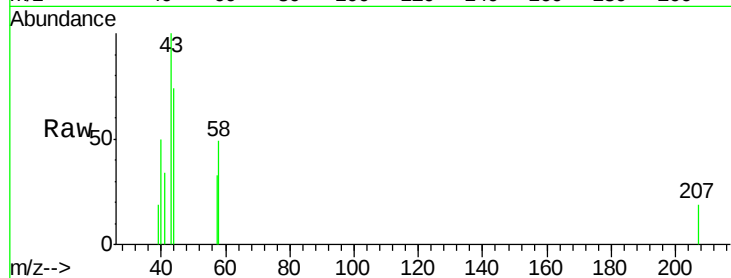
B10(0-15)RE

Tgt Ion: 43 Resp: 626

Ion Ratio Lower Upper

43 100

58 35.8 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 39.03 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

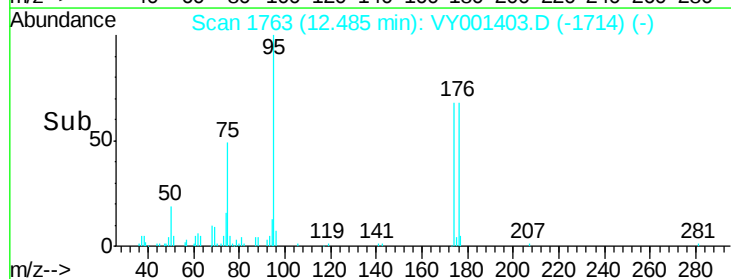
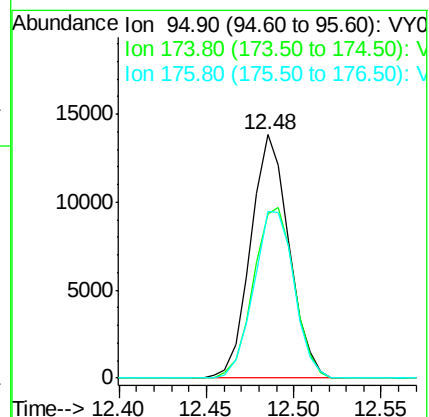
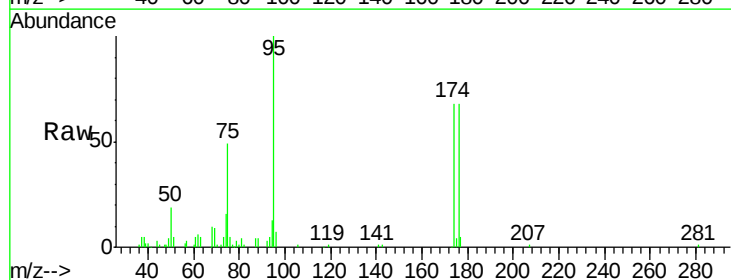
Tgt Ion: 95 Resp: 21088

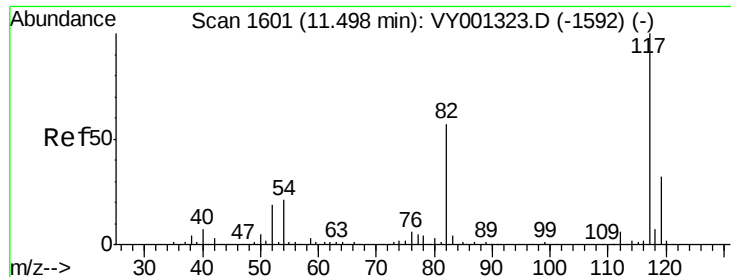
Ion Ratio Lower Upper

95 100

174 74.2 0.0 142.0

176 72.1 0.0 138.6

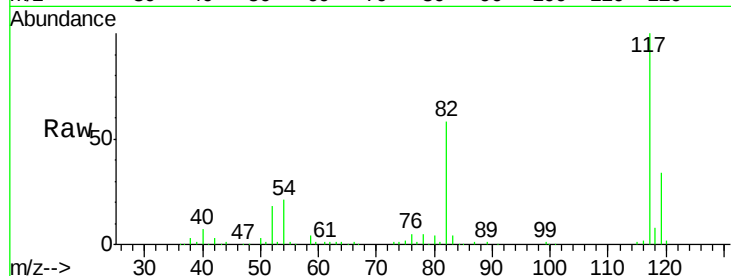




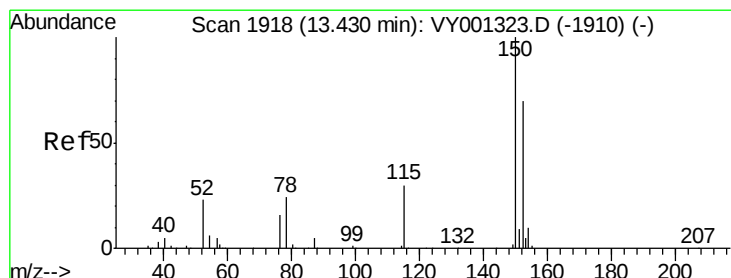
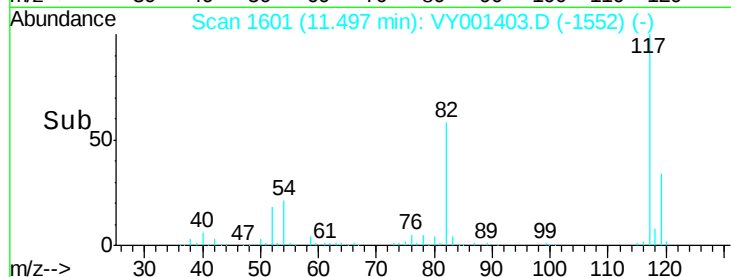
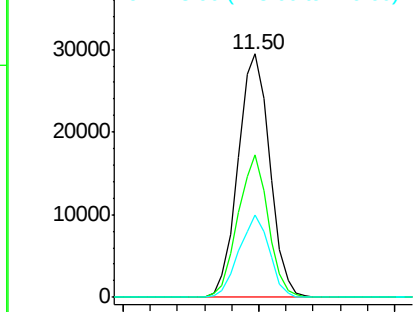
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
B10(0-15)RE

Tgt Ion:117 Resp: 48029
Ion Ratio Lower Upper
117 100
82 58.4 45.5 68.3
119 33.6 25.8 38.6

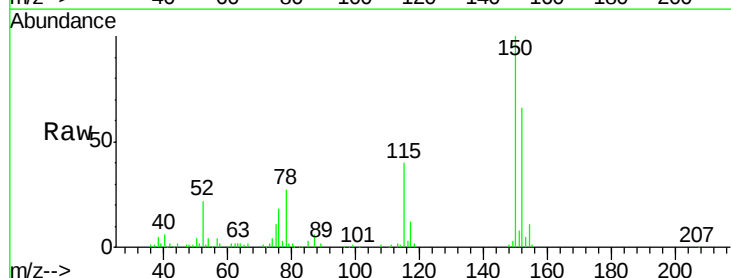


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

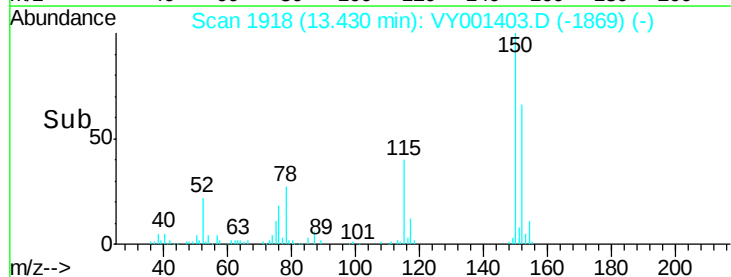
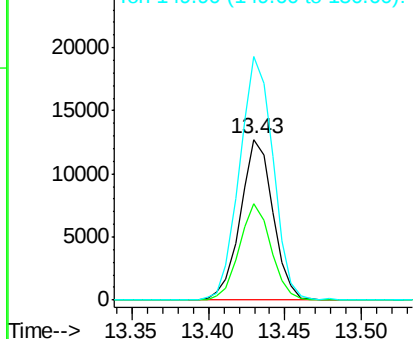


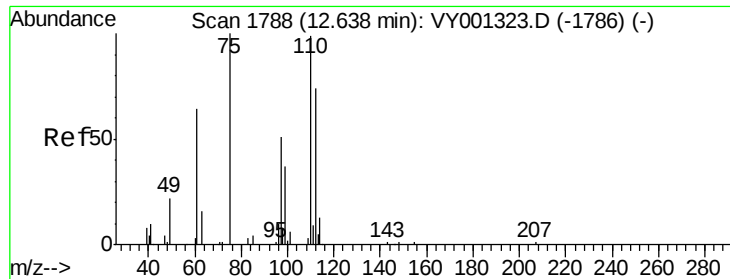
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001403.D
Acq: 27 Jan 2020 14:15

Tgt Ion:152 Resp: 18786
Ion Ratio Lower Upper
152 100
115 58.6 30.9 92.8
150 155.9 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 46.26 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

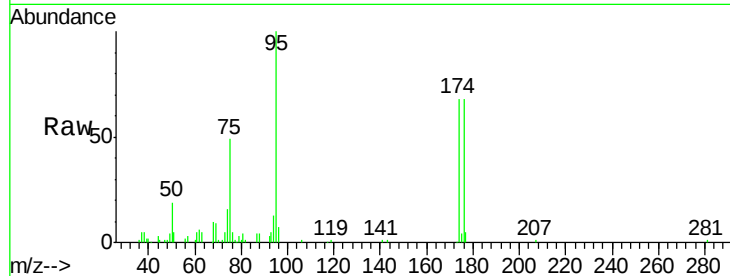
B10(0-15)RE

Tgt Ion: 75 Resp: 10471

Ion Ratio Lower Upper

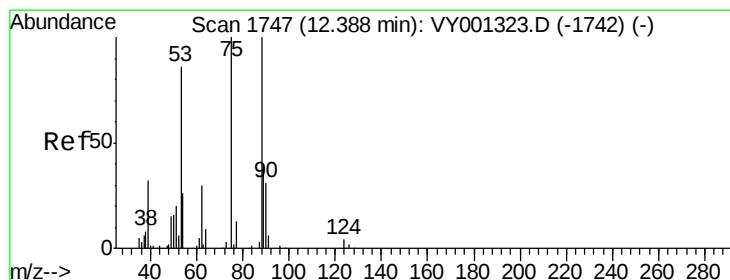
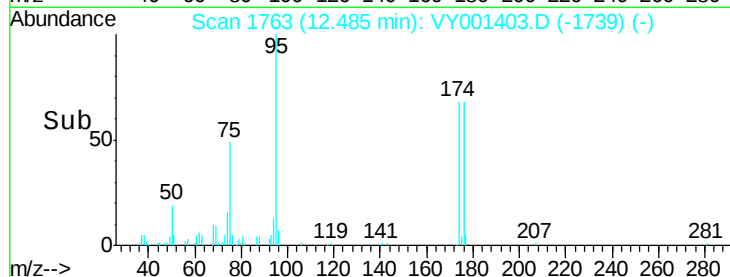
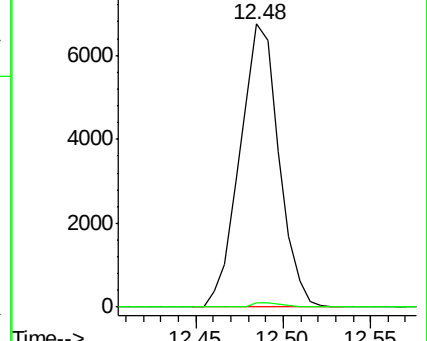
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 87.53 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001403.D

Acq: 27 Jan 2020 14:15

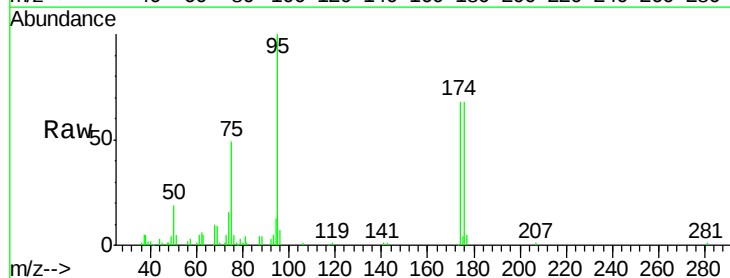
Tgt Ion: 75 Resp: 10471

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

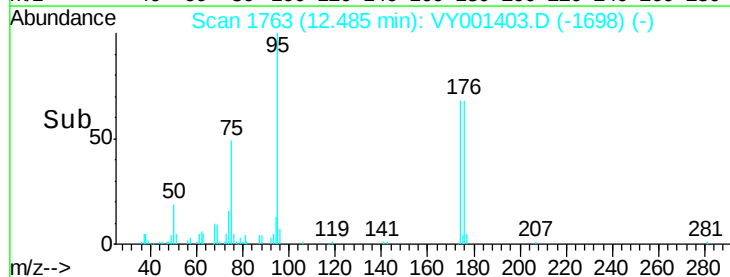
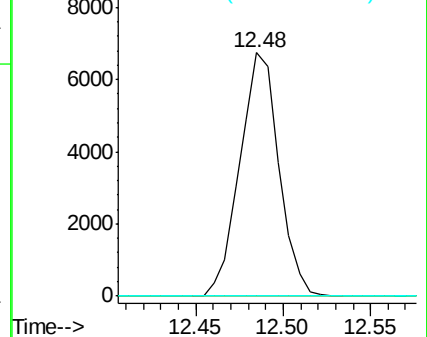
89 0.0 36.6 54.8#

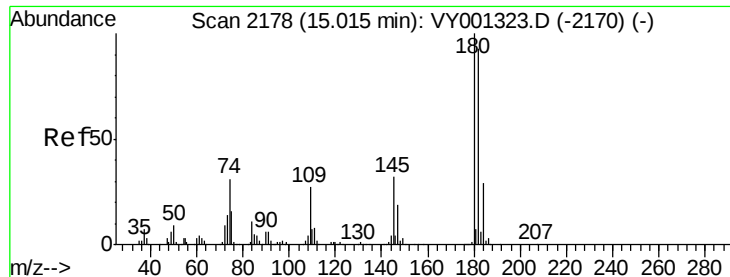


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

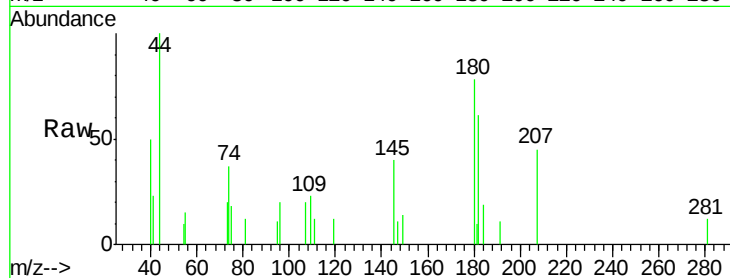




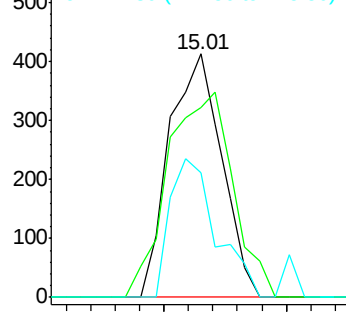
#93
 1,2,4-Trichlorobenzene
 Concen: 1.57 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001403.D
 Acq: 27 Jan 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampled :
 B10(0-15)RE

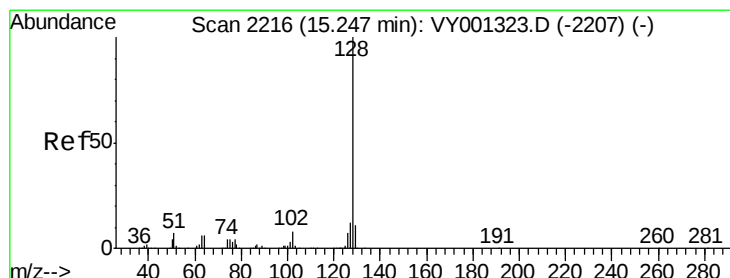
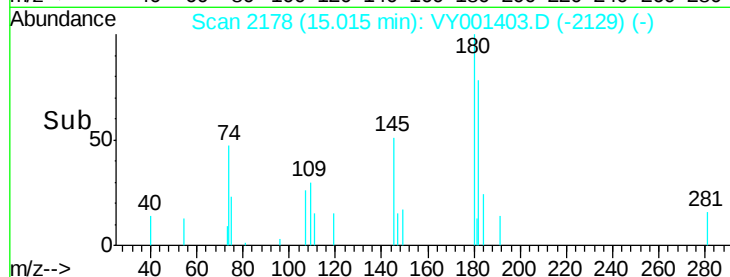
Tgt Ion:180 Resp: 616
 Ion Ratio Lower Upper
 180 100
 182 104.5 47.6 142.8
 145 50.5 16.3 48.9#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

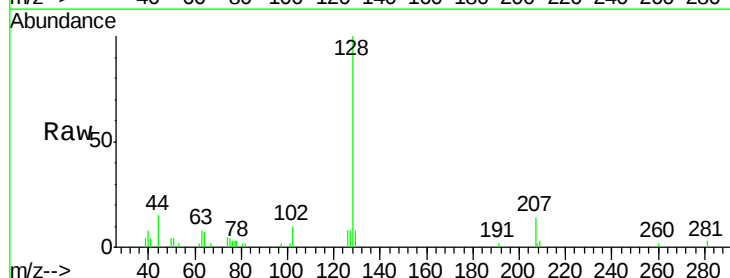


Time-->

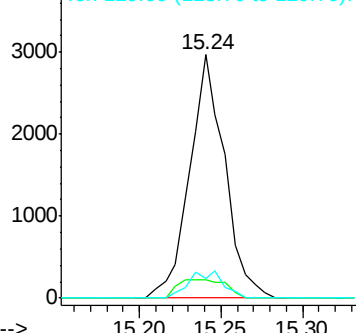


#95
 Naphthalene
 Concen: 4.95 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: VY001403.D
 Acq: 27 Jan 2020 14:15

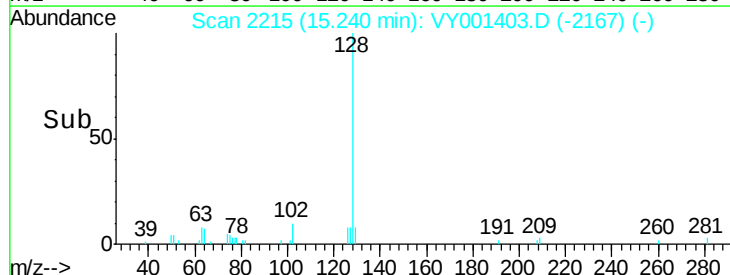
Tgt Ion:128 Resp: 4429
 Ion Ratio Lower Upper
 128 100
 127 10.7 10.2 15.2
 129 11.0 8.7 13.1

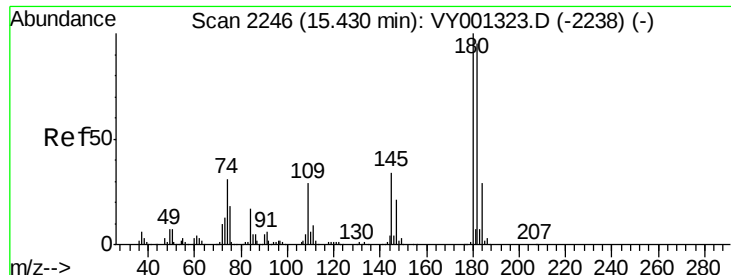


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time-->

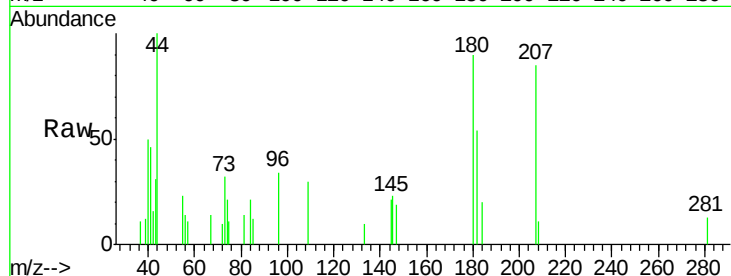




#96
 1,2,3-Trichlorobenzene
 Concen: 1.83 ug/l
 RT: 15.43 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: VY001403.D
 Acq: 27 Jan 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 B10(0-15)RE

Tgt Ion:180 Resp: 627
 Ion Ratio Lower Upper
 180 100
 182 82.5 47.3 141.8
 145 49.8 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

